

FORM PTO-1449
(REV. 7-80)
(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

132927

SERIAL NO.

10/822,446

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

Applicant

L. N. Lewis, et al.

Filing Date

04/12/04

Group

1774

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
cm	AA 3 7 1 1 2 8 0	01/16/73	Johnson	430	74	
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES No
cm	AL 1 9 7 2 6 8 4 2	01/02/98	Germany	—	—	
cm	AM 0 3 0 6 5 8 4 1	08/14/03	PCT	—	—	
	AN					
	AO					
	AP					

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc)

cm	AR	US 2002037427, Published March 28, 2002, Toshiki. (428/690)
	AS	
	AT	

EXAMINER

cm

DATE CONSIDERED

11/2/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(REV. 7-80)
(Title Amended 3/83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

132927-1

SERIAL NO.

Applicant

Larry N. Lewis et al.

Filing Date

Group

INFORMATION DISCLOSURE STATEMENT BY APPLICANT--

LIST OF ITEMS

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
cm	AA 6 6 4 5 6 4 5	11/11/03	Adachi et al	428	L90	
	AB					
	AC					
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	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	No
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)

cm	AR	A. Kraft, A.C. Grimsdale, A.B. Holmes, "Electroluminescent Conjugated Polymers-Seeing Polymers in a New Light," Angew. Chem. Int. Ed 37 (1998) 403.
cm	AS	M.T. Bemius, M. Inbasekaran, J. O'Brien, W. Wu, "Progress with Light-Emitting Polymers," Adv. Mater., 12, (2000) 1737.
cm	AT	J.C. Scott, "Conducting Polymers: From Novel Science to New technology," Science, 278, (1997) 2071.

EXAMINER

DATE CONSIDERED

11/2/05

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FORM PTO-1449 (REV. 7-80) (Title Amended 3/83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 132927-1	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT-- <u>LIST OF ITEMS</u> (Use several sheets if necessary)				Applicant Larry N. Lewis et al.	
				Filing Date Group	
OTHER INFORMATION (Including Author, Title, Date, Pertinent pages. Etc.)					
cm	AU	J.E. Pickett, "Polymer photodegradation and stabilization: a tutorial," Polymer Preprints, American Chemical Society, Division of Polymer Chemistry, (2001), 42 344.			
cm	AV	M.E. Thompson, S. Lamansky, P. Djurovich, D. Murphy, F. Abdel-Razzaq, S.R. Forrest M. Baldo, P.E. Burrow, "Electrophosphorescent organic light emitting diodes," Polymeric Materials Science and Engineering, 83 (2000), 202.			
cm	AW	M. A. Baldo, M.E. Thompson, S.R. Forrest, "Phosphorescent materials for application to organic light emitting devices," Pure and Applied Chemistry, 71 (1999) 2095			
cm	AX	V. W-W Yam, C-K. Hui, K. M-C. Wang, N Zhu, K-K. Cheung, "Synthesis, Structural Characterization and Luminescence Behavior of Face-to-Face Diplatinum (II) Alkynyl - Complexes," Organometallics, 21(2002) 4326.			
cm	AY	G.V. Loukova, V.A. Smirnov, "Phosphorescent ligand-to-metal charge-transfer excited states in the group IVb metallocene triad", Chem Phys. Lett., 329 (2000) 437-442.			
cm	AZ	G.V. Loukova, V.V. Strelets, "Electrochemical versus optical insight in frontier orbitals of Ti(IV), Zr(IV), and Hf(IV) bent metallocenes," J. Organomet. Chem., 606 (2000) 203-206.			
cm	BU	J.W. Kenney, D.R. Boone, D. Striplin, Yong-Hong Chen, and Kyle B. Hamar, "Electronic Luminescence Spectra of Charge Transfer States of Titanium (IV) Metallocene," Organometallics, 12 (1993) 3671-3676			
cm	BV	A. Vogler, H. Kunkely, "Electronic spectra and photoreactivity of cyclopentadienyl complexes," Coordination Chemistry Reviews, 211 (2001) 223.			
cm	BW	G.V. Loukova, "The first experimental approach to probing frontier orbitals and HOMO-LUMO gap in bent metallocenes," Chemical Physics Letters, 353 (2002) 244-252			
cm	BX	P.M. Druce, B.M. Kingston, M.F. Lappert, T.R. Spalding, R.C. Srivastava, "Metallocene halides. I. Synthesis, spectra, and redistribution equilibria of di-p-cyclopentadienyldihalotitanium(IV), -zirconium(IV), and -hafnium(IV)" J. Chem. Soc. (A) (1969) 2106.			
cm	BY	A. Herzog, F-Q Liu, H.W. Roesky, . Demsar, K. Keller, M. Noltemeyer, "Trimethyltin Fluoride: A New Fluorinating Reagent for the Preparation of Organometallic Fluorides," Organometallics, 13, (1994) 1251.			
cm	BZ	M. Braun, "a-Heteroatom-Substituted 1-Alkenyllithium Reagents: Carbanions and Carbenoids for C-C Bond Formation," Angew. Chem. Int. Ed 37 (1998) 431.			
EXAMINER cm			DATE CONSIDERED 11/2/05		
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